

Converting Colors

RGB(90, 87, 133)

Have a look what the booklet for
RGB(90, 87, 133) contains.

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Color

RGB(90, 87, 133)

Conversions

Conversions Part 1

Format	Color
Hex	5A5785
RGB	90, 87, 133
RGB Percent	35%, 34%, 52%
CMY	0.6471, 0.6588, 0.4784
CMYK	0.32, 0.35, 0.00, 0.48
HSL	244°, 21%, 43%
HSV	244°, 35%, 52%
XYZ	11.8583, 10.6835, 23.6274
YIQ	93.1410, -12.9780, 14.9420

Conversions

Conversions Part 2

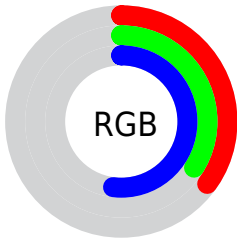
Format	Color
R_{YB}	90, 87, 133
Decimal	5920645
CIE _{Lab}	39.04, 12.59, -25.28
CIE _{LCh}	39, 28.246, 296.471
Yxy	10.6835, 0.2568, 0.2314
Android (android.graphics.Color)	4284110725 (0xFF5A5785)
YUV	93.1410, 19.6505, -2.7547
Hunter-Lab	32.6856, 7.5596, -19.9790

Details

The RGB color **90, 87, 133** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130, 133, 87**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **141, 137, 186**, and **42, 42, 83** is the 20% darker color. If you saturate the color by 10%, you get **78, 74, 133**, and if you desaturate by 10%, it is **102, 100, 133**.

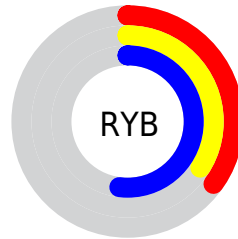
Distribution



Red (35%)

Green (34%)

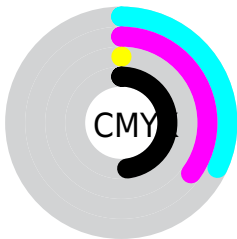
Blue (52%)



Red (35%)

Yellow (34%)

Blue (52%)

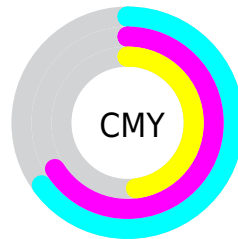


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (66%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 87, 133 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 90, 87, 133 by changing the saturation by 10% instead.



90, 87, 133



90, 87, 133

255, 255, 255



66, 64, 108



141, 137, 186



42, 42, 83



168, 163, 214



18, 22, 60



196, 190, 243



0, 0, 38



224, 218, 255



0, 1, 15



253, 246, 255



0, 0, 0



90, 87, 133



90, 87, 133



78, 74, 133



102, 100, 133



65, 60, 133



115, 114, 133

■ 53, 47, 133

■ 127, 127, 133

■ 40, 34, 133

■ 140, 140, 133

■ 28, 20, 133

■ 152, 154, 133

■ 15, 7, 133

■ 165, 167, 133

■ 9, 0, 133

■ 177, 180, 133

■ 189, 193, 133

■ 202, 207, 133

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49, 95, 137



90, 87, 133



118, 79, 118

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90, 87, 133



126, 82, 54



18, 104, 88

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90, 87, 133



130, 133, 87

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58, 101, 66



90, 87, 133



109, 90, 45

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90, 87, 133



135, 75, 73



86, 97, 50



0, 104, 112

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 87, 133



130, 75, 103



86, 97, 50



35, 103, 80

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90, 87, 133



157, 156, 173



87, 131, 133



77, 76, 87



214, 214, 214



87, 87, 87

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 87, 133



105, 101, 173



112, 87, 133



60, 60, 66



8, 0, 130



0, 0, 3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



133, 87, 130



173, 101, 169



108, 133, 87



66, 60, 66



130, 0, 122



3, 0, 2

Previews

White Background



This preview shows how the RGB color 90, 87, 133 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 90, 87, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

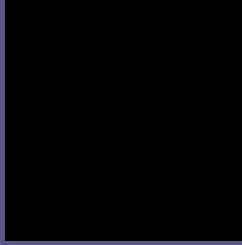
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 90, 87, 133 Background



This preview shows how black text looks on a background with the RGB color 90, 87, 133.

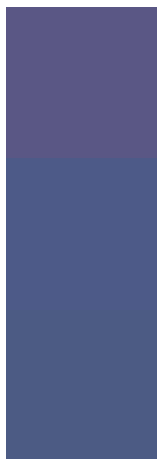


This preview shows how white text looks on a background with the RGB color 90, 87, 133.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90, 87, 133

Protanopia

77, 90, 136

Deuteranopia

76, 91, 132



Tritanopia
83, 93, 101

Trichromacy



Original Color

90, 87, 133

Protanomaly

82, 89, 135

Deuteranomaly

81, 90, 132

Tritanomaly

86, 91, 113

Monochromacy



Original Color

90, 87, 133

Achromatopsia

93, 93, 93

Achromatomaly

92, 91, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 87, 133 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(90, 87, 133) looks like.

```
.text, #text, p{  
    color:rgb(90, 87, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(90, 87, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 87, 133) }
```

Border

The CSS property to change the border of an element to RGB 90, 87, 133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 87, 133) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(90, 87, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(90, 87, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 87, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 87, 133);  
box-shadow:4px 4px 4px 4px rgb(90, 87,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 90, 87, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 87, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(90, 87,  
133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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